3M™ Digital Projector

Need the brightness and clarity of a True XGA (1024 x 768) LCD projector in a lightweight model that you can take on-the-go? The 3M Digital Projector X20 may be just the right mobile solution you've been seeking. Weighing less than 4lbs, this 2000 lumen, 4:3 aspect ratio projector delivers a crisp image from 30-300 inches – perfect for almost any office, classroom or small space screen. Easily connect your PC to one of the RGB inputs or go even lighter with a PC-less JPG presentation using the featured USB port. You can even personalize your settings and increase your security with the many 3M X20 features. It's lighter and brighter at it's best.

Features

- Picture Freeze, Blank and Magnify (4x)
- Security:
  - PIN Code Lock
  - My Screen Lock
  - Transition Detector
  - Kensington Lock Bar
- Adjustable Picture Mode: Normal, Cinema, Dynamic, Whiteboard, Blackboard
- Custom personalization with
  - My Screen
  - My Button
  - My Memory features

Basic Specs

- 2000 lumens*
- XGA (1024 x 768)
- 1.784kg
- 500:1 Contrast Ratio
- Digital Keystone Correction
- Aspect Ratio: 4:3 native, 16:9 supported
- 3-Year Standard Warranty

Connections

Computer:	RGB (x2 input)
USB:	USB for remote control mouse
	USB for PC-Less presentations
Video:	S-Video
Video	Composite
Audio:	Audio In: 3.5 mini jack (x1)
	Audio Out: 3.5 mini jack (x1)

Digital Projector X20: 78-9236-6922-6

** indicates maximum lumens rating*

www.3M.co.uk/meetings

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3M™ Digital Projector X20 Specifications and Accessories

Optical

Brightness:	2000 lumens*
Imager set:	0.063", P-Si TFT Panel
Resolution (native):	XGA (1024 x 768 pixels)
Aspect ratio:	4:3 native, 16:9 supported
Colors: 1	6.7 million
Screen size (range):	30-300"
Zoom/Focus:	Manual
Zoom ratio: 1	:2:1
Projection lens: F (focal length):	F 1.8-1.9 (f=16.4 - 19.7mm)
Optional lenses:	No
Contrast ratio:	500:1
Lamp:	160W UHB
Lamp Life:	2000 hours (normal) Up to 3000 hours (whisper)

**indicates maximum lumens rating*

Electrical

Video compatibility:	NTSC, NTSC 4.43, PAL, PAL-M, PAL-N, SECAM
Component signal:	480i, 480p, 525i, 525p, 625i, 576i, 720p, 750p, 1080i, 1125i (through computer input ports)
Automatic Digital Keystone correction:	Fixed 6:1 upward shift; Vertical +/- 30°**
Audio:	1 x 1W
Noise level:	Normal 36dB, Whisper 30dB
Compatible resolution:	VGA, SVGA, XGA, SXGA, UXGA
Horizontal scan:	31.5-106kHZ
Vertical scan:	56-120Hz
Power consumption:	250W
Power supply: Universal:	100-120V/220-240V, 50/60Hz
Regulatory approvals:	UL, cUL, FCC Part 15 Class B, CE, EN60950, WEEE
Operating temperature:	41°-95°F (5°-35°C)
Storage temperature:	-4°-140°F (-20°-60°C)
Altitude:	Sea level to 6000 ft. (1,829m)

***The degrees specified are based on XGA resolution at 60Hz input and zoom lens position is wide.*

Size

Dimensions (W x H x D):	10.8 x 2.3 x 8.1" (274 x 59 x 205mm)
Weight:	1.784Kg

**Dimensions do not include elevator feet*

(a) Screen Size Diagnonal		Image Size 4:3							
		(b) Projection Distance				(c) Projection height			
		Minimum (m)		Maximum (m)		Down		Up	
inch	m	m	inch	m	inch	m	inch	m	inch
30	0.8	0.8	30	0.9	36	7	3	39	15
40	1.0	1.0	40	1.2	48	9	3	52	21
50	1.3	1.3	50	1.5	61	11	4	65	26
60	1.5	1.5	61	1.9	73	13	5	78	31
70	1.8	1.8	71	2.2	85	15	6	91	36
80	2.0	2.1	81	2.5	97	17	7	105	41
90	2.3	2.3	91	2.8	110	20	8	118	46
100	2.5	2.6	102	3.1	122	22	9	131	51
120	3.0	3.1	122	3.7	147	26	10	157	62
150	3.8	3.9	153	4.7	183	33	13	196	77
200	5.1	5.2	204	6.2	245	44	17	261	103
250	6.4	6.5	255	7.8	306	54	21	327	129
300	7.6	7.8	306	9.3	368	65	26	392	154

Warranties

Projector:	3 Years or 2500 Hours maximum
Lamp:	90 Days or 180 Hours

Accessories Included

- Power cords (x3 - US, UK, Euro)
- RGB computer cable
- RCA/Stereo mini Audio Adapter
- Remote control with 2 AA batteries
- Multi-language User's Manual
- Multi-language Operator's Guide CD
- Lens cap
- Soft Carry Case

Optional Accessories

- Replacement Lamp Kit (LKX20) 78-6969-9903-2
- Universal Ceiling Mount 78-6969-9874-5

For help and advice on proper disposal of mercury lamps, and other WEEE matters, contact us on weee.uk@mmm.com or 01344 858 880

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